

Abstract of the Disclosure

An apparatus and method for injecting synchronized stream data into a Motion Picture Experts Group 2 (MPEG-2) video/audio transport stream for a digital data broadcasting service. The apparatus and method for injecting synchronized stream data calculate the injection time point of data access unit (DAU) that forms the synchronized stream data and injects DAU into the MPEG-2 video/audio transport stream based on the calculated injection time point so that the synchronized stream data could be presented smoothly in a receiver. The synchronized stream data injecting apparatus includes: an additional data storing unit, a synchronized stream data selection/establishment unit, a synchronized stream data analyzing unit, a transport stream analyzing unit, a synchronized stream data injection/management unit, a presentation time stamp re-stamping unit and a multiplexing unit.